

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

DATE: December 20, 2001

SUBJECT: **POLREP for the Western Forge Removal Site, East St. Louis, St. Clair County, Illinois**

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POLREP #: POLREP #3 - Fund Lead Removal

II. BACKGROUND

Response Authority: CERCLA (# ILN000508195)	State Notification: August 31, 2001
NPL Status: Non-NPL	Start Date: November 13, 2001
Latitude: 38°37'28"N	Completion Date: NA
Longitude: 90°08'11"W	

III. SITE INFORMATION

A. Incident Category

Former Industrial Facility

B. Site Description

1. Site location

See initial POLREP.

2. Description of threat

See initial POLREP.

- Preliminary Assessment/Site Inspection Results

See initial POLREP.

IV. SITE INFORMATION

A. Situation

1. Response activities to date

Work proceeded with the following:

- START member continued to screen grade school with the X-ray fluorescence (XRF) spectrometer. Screening revealed some areas found with soil lead levels above the U.S. EPA residential action level of 400 mg/kg;
- Although the lead levels often exceed the site-specific action level, the toxicity characteristic leaching procedure (TCLP) analysis from the site assessment was well below the regulatory level of 5 mg/L. Therefore, excavated soils hauled from the site are being considered low level lead contaminated soil;
- The areas excavated are screened with an XRF and areas found above residential cleanup and were marked for excavation;

2. Removal activities to date:

- Site project proceeded at the residential area surrounding the Western Forge Site;
- Access agreements for the properties that have been excavated were signed;
- While screening, some residential areas were found to have lead levels above the EPA site specific residential action level. These elevated soils are then removed and disposed of offsite;

- A total of 2,729.01 tons of low-level lead contaminated soil was hauled from the site and residential properties;
- Clean backfill has been placed in excavated areas. The properties were then graded and seeded to restore back to its original configuration. Thus far 2,842.08 tons of clean backfill has been placed on site and within the residential areas;

3. Enforcement:

Enforcement/Cost recovery actions are pending.

B. Planned Removal Activities

- Transport low level lead contaminated soil off site for disposal.

C. Next Steps

- Secure access, excavate residential properties, and backfill excavated areas with clean fill.

D. Key Issues

- Securing access from residential home owners.
- Adverse weather conditions may delay future site activities.

V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$ 139,036.30	\$ 173,900.00	20.0%
START	\$ 9,500.00	\$ 11,884.00	20.1%
EPA	<u>\$ 7,000.00</u>	<u>\$ 16,800.00</u>	<u>58.3%</u>
TOTAL	\$ 147,892.28	\$ 202,584.00	% 27.0

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Wastestream	Medium	Quantity	Transportation	Treatment	Disposal
Debris	Construction Debris	60 Cu/YDs	Rolloff	NA	Landfill
Lead	Soil	2,729.01 Tons	Truck	NA	Landfill